

Application No. 09/200,418
Amendment dated June 14, 2004
Reply to Office Action of March 1, 2004

Amendments To the Drawings:

The attached sheet of drawings includes changes to Fig. 3. This sheet, which includes Figs. 3 and 4, replaces the original sheet including Figs. 3 and 4. In Fig. 3, previously appearing “(see note below)” has been stricken.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes



PSEUDORANDOM PATTERN GENERATION

| PATTERN TYPE | |
|--------------|-----------------------------|
| $2^3 - 1$ | |
| $2^4 - 1$ | |
| $2^5 - 1$ | |
| $2^6 - 1$ | |
| $2^7 - 1$ | |
| $2^7 - 1$ | Fractional T1 LB Activate |
| $2^7 - 1$ | Fractional T1 LB Deactivate |
| $2^9 - 1$ | 0.153 (511 type) |
| $2^{10} - 1$ | |
| $2^{11} - 1$ | 0.152 and 0.153 (2047 type) |
| $2^{15} - 1$ | 0.151 |
| $2^{17} - 1$ | |
| $2^{18} - 1$ | |
| $2^{20} - 1$ | 0.153 |
| $2^{20} - 1$ | 0.151 QRSS (PCR. 6=1) |
| $2^{21} - 1$ | |
| $2^{22} - 1$ | |
| $2^{23} - 1$ | 0.151 |
| $2^{25} - 1$ | |
| $2^{28} - 1$ | |
| $2^{29} - 1$ | |
| $2^{31} - 1$ | |
| $2^{32} - 1$ | |

FIG. 3

REPETITIVE PATTERN GENERATION

| PATTERN TYPE |
|-----------------------------------|
| all ones |
| all zeros |
| alternating ones and zeros |
| double alternating ones and zeros |
| 3 in 24 |
| 1 in 16 |
| 1 in 8 |
| 1 in 4 |
| D4 Line Loopback Activate |
| D4 Line Loopback Deactivate |

FIG. 4



PSEUDORANDOM PATTERN GENERATION

| PATTERN TYPE | |
|--------------|-----------------------------|
| $2^3 - 1$ | |
| $2^4 - 1$ | |
| $2^5 - 1$ | |
| $2^6 - 1$ | |
| $2^7 - 1$ | |
| $2^7 - 1$ | Fractional T1 LB Activate |
| $2^7 - 1$ | Fractional T1 LB Deactivate |
| $2^9 - 1$ | 0.153 (511 type) |
| $2^{10} - 1$ | |
| $2^{11} - 1$ | 0.152 and 0.153 (2047 type) |
| $2^{15} - 1$ | 0.151 |
| $2^{17} - 1$ | |
| $2^{18} - 1$ | |
| $2^{20} - 1$ | 0.153 |
| $2^{20} - 1$ | 0.151 QRSS (PCR. 6=1) |
| $2^{21} - 1$ | |
| $2^{22} - 1$ | |
| $2^{23} - 1$ | 0.151 |
| $2^{25} - 1$ | |
| $2^{28} - 1$ | |
| $2^{29} - 1$ | |
| $2^{31} - 1$ | |
| $2^{32} - 1$ | (see note below) |

FIG. 3

REPETITIVE PATTERN GENERATION

| PATTERN TYPE |
|-----------------------------------|
| all ones |
| all zeros |
| alternating ones and zeros |
| double alternating ones and zeros |
| 3 in 24 |
| 1 in 16 |
| 1 in 8 |
| 1 in 4 |
| D4 Line Loopback Activate |
| D4 Line Loopback Deactivate |

FIG. 4